

## REGION 10 OWW TOPIC BRIEFING

### TRIBAL CONSULTATION AND REVIEW UPDATE FOR DESCHUTES TOTAL MAXIMUM DAILY LOAD (TMDL), THURSTON & LEWIS COUNTIES, WASHINGTON

#### Meeting Purpose

Provide background information and update Dan on the following:

- Status of EPA TMDL Review;

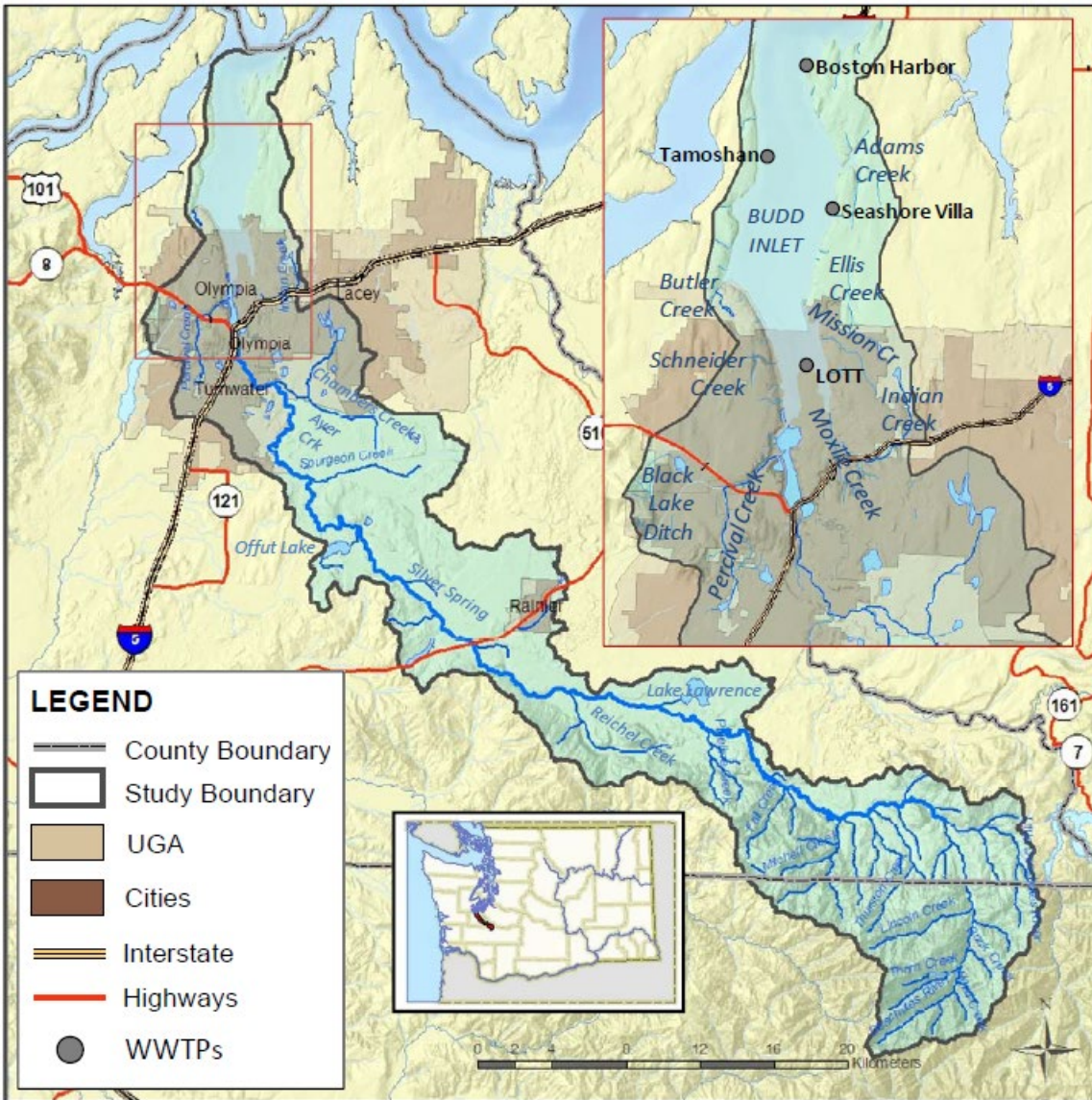
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- Options for Moving Forward

#### Project Background

The Deschutes River, Percival Creek, and Budd Inlet Tributaries (Phase 1) TMDL study area (186 mi<sup>2</sup>) is located in south Puget Sound and is situated within the boundaries of Thurston and Lewis Counties, Washington (**Figure 1**). The study area includes the major cities or towns of Olympia, Lacey, Tumwater, and Rainier. Significant data collection to support the Phase 1 TMDL began in 2003. Data analysis and modeling concluded in 2012. On December 17, 2015, Ecology submitted the final Phase 1 TMDL to EPA for approval. The submitted TMDL package includes a request that EPA approve allocations for 71 Water Quality Limited Segments (WQLSs) impaired by five pollutants (temperature, dissolved oxygen [DO], pH, fecal coliform, and fine sediment). (b) (5)

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**Figure 1.** Study Area for Deschutes TMDLs (from Roberts et al., 2012, page 6).

### Quick Summary

- ✓ Ecology is seeking approval for TMDLs that span 71 segments
- ✓ Category 5 impairments: water temperature, DO, pH, fecal coliform bacteria, and fine sediment

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- ✓ Surrogates are proposed for 4 of 5 pollutants

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- ✓ Ecology predicts that WQS for temperature, DO, and pH will be achieved by 2065.

- ✓ Permittees include: 5 municipal stormwater-MS4s, 7 sand & gravel, 9 industrial stormwater, and 25+ construction stormwater. The boundary of the Phase 1 TMDL does not include wastewater treatment point sources. Phase 2 of the TMDL will include the LOTT regional wastewater facility that serves south Puget Sound.

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### **Status of Phase 1 TMDL Review**

Given the complexity of the Phase 1 TMDL, 6 members of the watershed unit participated in the initial review of the TMDL in February 2016. (b) (5)

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